IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:

T. ITOH, et al.

Serial No.:

10/543,188

Filed:

JULY 22, 2005

For:

METHOD FOR IMPROVING KEEPING QUALITY OF FOOD

AND DRINK

Group A U: Examiner: TBA TBA TBA

Examiner: Confirm. No.

> INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97 & 1.98

Mail Stop: AMEND - NO FEE Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

October 21, 2005

Sir

Pursuant to Applicants' duty of disclosure, enclosed please find a Translation of the International Preliminary Report on Patentability in connection with International (PCT) Application No. PCT/JP2004/000592, filed January 23, 2004, of which the above-identified application is a National Stage application filed under 35 USC 371.

Note that in the International Search Report for International (PCT)

Application No. PCT/JP2004/000592, submitted upon originally filing the aboveidentified application, Documents 1-7 referred to in the aforementioned Translation,
and No. JP 2003-164258, were cited, and copies of all of these eight (8) documents
have previously been submitted to the Examiner for consideration during
examination of the above-identified application. In any event, enclosed herewith are
English-language abstracts of each of the eight (8) Japanese patent documents
submitted with the Information Disclosure Statement upon originally filing the above-

Docket No. 624.45265X00 Appln. No. 10/543,188 October 21, 2005

identified application and listed on the form equivalent to Form PTO-1449 submitted therewith, and copies of the documents themselves.

Also enclosed herewith are copies of documents cited in the specification of the above-identified application, that is, in the first and second full paragraphs on page 2 of the specification.

Lastly, also enclosed herewith is a Form PTO/SB/08A and B, listing the enclosed documents, and re-listing the eight (8) Japanese patent documents on the List submitted with the Information Disclosure Statement filed July 22, 2005, but indicating submission of the English language abstract therewith.

This Information Disclosure Statement is being submitted prior to a first Office Action on the merits in the above-identified application, and, moreover, within three (3) months of the filing of the National Stage application. Clearly, the requirements of 37 CFR 1.97(b) are satisfied.

Requirements of 37 CFR 1.98(a)(3) are satisfied by submission of (1) the Translation of the International Preliminary Report on Patentability, (2) the International Search Report fo rNo. PCT/JP2004/000592 (previously submitted), and (3) English-language abstracts of the respective documents, discussed previously.

In view of the foregoing, it is respectfully submitted that all applicable requirements of 37 CFR 1.97 and 1.98 have been satisfied, in connection with each of the documents listed on the enclosed Form. Accordingly, consideration of the listed documents, upon examination of the above-identified application, is respectfully requested.

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Applicants request any shortage of fees due in connection with the filing of this paper be charged to the Deposit Account of Antonelli, Terry, Stout & Kraus,

LLP, Deposit Account No. 01-2135 (case No. 624.45265X00), and credit any excess fees paid to such Deposit Account.

Respectfully submitted,

ANTONELLI, TERRY, STOUT & KRAUS, LLP

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PTO/SB/08A (08-03)
Approved for use through 07/31/2006. OMB 0651-0031
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o persons are required to respond to a collection of information unless it contains a valid OMB control number Under the Paperwork Substitute for form 1449A/P Complete if Known INFORMATION DISCLOSURE STATEMENT BY APPLICANT Application Number 10/543,188 Filing Date July 22, 2005 October 21, 2005 First Named Inventor T. ITOH TBA Art Unit Examiner Name TBA lues as many chaste as nonoscary of Attornev Docket Number 624.45265X00

			U.S. PATENT I	DOCUMENTS	
Examiner Initials'	Cite No.1	Document Number Number-Kind Code ² (# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US-			

FOREIGN PATENT DOCUMENTS						
Examiner Initials'	Cite No.1	Foreign Patent Document Country Code -Number -Kind Code *(# known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ^e
/HRB/		JP 04-346746	12/02/1992	S. Mori, et al.		А
_		JP 09-037735	02/10/1997	T. Otawa, et al.		A
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1/		JP 2001-178433	07/03/2001	R. Ueno, et al.		Α
V		JP 11-164675	06/22/1999	M. Yajima, et al.		Α

Examiner Signature	/Hamid Badr/	Date Considered	07/02/2008

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This collection of information is required by 37 CFR 197 and 1.98. The information is required to obtain or relatin a benefit by the public which is to fire (and by the USPYO to process) an application. Conferentially is governed by \$6 U.S. C. 120 and 37 CFR 1.14. This collection is ceiting intended to take 2 hours to complete. Including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to the Complete this form and/or suggestions for reducing this business, should be served to the Chief Information Officer. U.S. Papertment of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Pleaster, P.O. Box 1450, Alexandria, VA 22313-1450.



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persons are required to respond to a collection of information unless it displays a valid QMB control number Substitute for form 1449/PTO Complete if Known Application Number 10/543,188 INFORMATION DISCLOSURE Filing Date July 22, 2005 STATEMENT BY APPLICANT T. ITOH First Named Inventor October 21, 2005 TBA Group Art Unit (use as many sheets as necessary) TBA Examiner Name Sheet 2 2 Attorney Docket Number 624.45265X00

Examiner Cite No.		NON PATENT LITERATURE DOCLIMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number oublisher, city and/or country where published.	
/HRB/		Translation of the International Preliminary Report on Patentability, dated September 15, 2005, for International Application No. PCTJJP2004/000592 (8 PP.).	
		A. Corsetti, et al., "Antimould activity of sourdough lactic acid bacteria: identification of a mixture of orga acids produced by Lactobacillus sanfrancisco CB1", Appl Microbiol Biotechnol, Vol. 50, pp. 253-256 (199	
		S. Marin, et al., "Aspergillus Flavus, Aspergillus Niger, and Penicillium Corylophilum Spoilage Prevention of Bakery Products by Means of Weak-Acid Preservatives, <u>Journal of Food Science</u> , Vol. 67, No. 6, pp. 2271- 2277 (2002).	
		Magnusson, et al., "Lactobacillus coryniformis subsp. coryniformis Strain Si3 Produces a Broad-Spectrum Proteinaceous Antifungal Compound", <u>Applied and Environmental Microbiology</u> , Vol. 67, No 1, pp. 1-5 (2001).	
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Examiner	/Hamid Badr/	Date	07/02/2008
Signature		Considered	

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